

Home Computing WEEKLY

An Amiga Computer Publication

No. 56
April 3-9, 1984

40p

WIN
400 prizes of
Cosmic Cruiser,
a great new
game from

Imagine

Software
reviews for:
BBC, Spectrum,
Dragon, Atari,
Electron, Texas

Spectrum:
Three great
games to
type in

Two BBC / Electron
listings: Crave
the ancient curse
and test your
memory

VIC-25: Type
in and play
our two games
for a life on
the ocean wave

Commodore 64:
Draw a
starship...in
just five seconds

AND:
Your letters,
U.S. Scene,
news



Chain stores take Amstrad

Rumour has it 12 stock
Amstrad's sub-£200 micros in its
180 stores, but W. H. Smith has
no plans to put it on the shelves.

The new computer, using the
new MOSC standard shared its
several major Japanese makers,
is due to be officially launched
next week.

The price has not been finally
decided but it will include a
keyboard and tape deck in one
unit and a green screen monitor
and power supply as another. A
colour monitor will cost £30
more.

It will have 48K of RAM, a
2808 processor running at a
fast 8MHz and a total disk
available between 1.44 and
360.

Numbers already stock
the Spectrum, VIC 10,
Commodore on page 3.

'Stamp out counterfeits'

One of the first acts of a new
trade association of software
distributors will be to set up a
code of practice to protect
customers, dealers and software
houses.

Chairman, Bob Simpson, of
PCA Distribution, said: "There
are one or two people coming
into the market whose form
of trading is not wholly
acceptable."

By the Guild of Software
Distributors has been formed to
Command on page 4.

NEW RELEASE



The Guardian

See you in the gallery at
the end of the month

40p

ANIROG

**The Name
For Quality
And
Innovation**

Flight Path 737



ADVANCED PILOT TRAINER

Written by a flight simulator instructor and pilot.
Superb graphics. COMMODORE  VIC 20 16K £7.95

2014 W/PA LORDES BARNES S/PWANE CT BLVD - 20 - HIGH STREET - SILENT SUBURB WATKINSVILLE GEORGIA 30682	28 WEST HILL CIRCLE DR WEST (2022) 225-1-8 28 HENRY DR OF CANY VALLEY - HUNTER - BRIDGE & LAUREL DR
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BUY THIS SPACE

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01-437 1102 NOW!

Win as many gold medals as you can. That's the challenge in one of four new games just out from CRL. *Olympics*, an arcade game called *Olympics*, an arcade-adventure titled *Game Defective* and another arcade game, *Pinballmania*, all cost £1.95 for the Spectrum, £1.95 each for the BBC, and *Olympics* £1.95 and *Game Defective* £1.95 and were originally launched for the Spectrum. CRL, 9 Ring Rd, Chippenham Rd, London W10 2AP.

□ □ □

Wood Green School, Winesy, Oxon, is holding its second South of England Personal Computer Fair on June 18.

□ □ □

Compucon Quattro is offering a free tape deck, retail price £29, with the £150 Ford M5 computer.

□ □ □

Spectrum peripherals, the Microdrive and Interface 1, go on sale through specialist merchant W H Smith, Books and Music — this month at £49.95 each. Cartridges cost £4.95.

□ □ □

Cole is offering a DR upgrade ROM to Cric 1 next this month. The new 4K ROM, for 16K or 48K models, are used in Cric's new Apollo. Cric has also denied a report that the 48K Apollo was being recalled or was under chip. Only owners who want the upgrade ROM are being asked to send their computer with 255, but without power supply or leads, to:

Cric Assembly Unit 1,
Morpeth Farm Industrial Estate,
Morpeth Rd West,
Newcastle, Merse.

□ □ □

Timewave, an arcade game for the Spectrum, incorporates speech for those with the Curran Macro Speech unit. It costs £19.95 and is by CRL, CRL, 9 Ring Rd, Chippenham Rd, London W10 2AP.

Home Computing WEEKLY

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Editor
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There are 400 prizes in this week's competition. You could be among the first to play Cosmic Cruiser, Imagor's great new release for four computers. Turn to the competition page now.



Quality tested programs for all these computers are in this week's issue of Home Computing Weekly.



...Beam us down to A&F Software!



	DATA	DOC	ELECTRON	MARKON	SPECTRUM
CHUCKIE EGG	£7.90	£7.90	£7.90	£7.90	£9.90
CYLON ATTACK		£7.90	£7.90		
JUNGLE FEVER					£9.90
JAGHS TOMB	£7.90	£7.90			



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AFTER THIS EVERYTHING ELSE WILL SEEM LIKE CHILD'S PLAY!



ASP SOFTWARE

A member of the Argus Press Software Group:
Clearly More Adventurous

COMPETITION

There's never been this much buzz before in this week's competition — 400 copies of *Imagine's* latest game, *Cosmic Creater*. It's so new that it's not yet in the shops.

Four programmers — along with a team of musicians and graphic artists — have taken an idea by language chairman Steve Laveck and turned it into a game which will not only sell but endure.

Canon Camera will be available for any Spectrum, ComstarNet, Orizon and BNC computers. Add only \$9.95 for each more to your order.

Course Cranes, which can be played with 20-inch or bentwood, is bound to be the best after chess (1st). And you could win the absolutely 1st.

There is a limit of the amount of time you can spend on each question.

For a century, every time the word "China" has been uttered, it has been uttered with a certain amount of awe and mystery. The only words used in the English language to describe the vast, ancient land were "the Great Wall" and "the Great Canal." The only words used in the English language to describe the vast, ancient land were "the Great Wall" and "the Great Canal." The only words used in the English language to describe the vast, ancient land were "the Great Wall" and "the Great Canal."

400 prizes: win Cosmic Cruiser from



Schlechte	Apocalypse
Wacke Wackere	Unglück
Moderat Moder	Zeit, Zeit
Ain Eindeutend	Zukunft
Georgie, Jock	Freunde
Caroline, Caroline	Spezialität
Beziehend	Aus, Aus
Georgie, Caroline	Wissen

Order Order **Price**
Send your entry to Images
Compensations, Home Computers
Weekly, 1001 Cedar Square
London, NJ 08032

Opening day is a free one on Tuesday April 26, 1984. Senders of the first 100 correct answers selected at random for each of the three computers will win the prize. They will arrive from England within 10 days of the result appearing in some *Computer Week*!

Figure 1

Students will use the historical North American and Anglo American Southwestern images to learn about American Periods of time. This information also applies to geography. Images are placed in the classroom. The entire image is placed in the classroom. The entire image is placed in the classroom. The entire image is placed in the classroom.


Imagine Competition

References

Age Group	Percentage
18-24	15%
25-34	25%
35-44	20%
45-54	18%
55-64	12%
65-74	8%
75-84	5%
85+	3%

Release from all duties: _____

Computer-aided Diagnosis, Computerized H. Papanicolaou smears



1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Study the word square and mark all the fragments that you find with a ball point or ball-pointed felt-tip pen. Complete the square fully and clearly — if you are a woman it will be used as a hint! — and send your square and solution to us.

long-term, you must write on the back of your envelope the number of letters you found and the names of the girls.

You may take as many tests as you wish provided each is on the official word agent list (shown) and on separate envelopes. Please do not include anything else. Incomplete answer sheets be considered.

The software relies on the user's explicit test system from the list of all hardware's assets.

Complete checks and balances.—If you are a politician, this will get on a [redacted] list. [redacted] **Complete Checks and Balances**, No. 1 (Lantern Square, London NW1 6AA). **Check** this first year, **Check** April 14 (1994). **Check** [redacted] the editor is the [redacted] to [redacted] [redacted] [redacted] writing the [redacted] of [redacted] and [redacted] [redacted] in the [redacted] of [redacted] [redacted].

R	A	E	C	L	P	C	M	O	L	Y	F	R	E	J	T
E	M	E	V	A	S	T	O	N	E	E	R	S	S	J	
W	I	N	U	Z	A	C	E	A	E	D	U	C	W		
I	U	C	O	N	Y	H	Z	H	J	W	R	V	P	I	
T	A	R	C	A	D	I	A	J	E	T	O	I	T	D	R
C	T	D	T	S	X	Z	Z	I	F	H	S	I	Z	Y	
H	S	O	R	Z	Z	O	M	F	I	O	R	O	A	I	
E	R	F	W	I	K	I	D	O	R	O	Y	T	U	V	G
D	J	E	O	P	L	D	G	L	H	C	H	P	O	R	E
Q	E	P	M	Z	C	S	E	A	R	E	P	O	T	I	C
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T	O	O	R	F	U	O	E	M	E	L	O	R	E	N	H
N	W	E	V	G	S	A	J	A	D	O	M	O	M	E	G
N	J	W	E	N	S	E	U	E	L	E	L	S	E	C	
I	U	C	O	P	M	A	L	C	R	E	T	F	H	E	
A	N	D	O	D	U	M	A	C	E	T	F	H	W		

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BEST SELLERS

Top Ten programs for the Dragon 32

- | | | |
|----|--------------------------|--------------|
| 1 | Queen's Top | Abfi (—) |
| 2 | Knights | Bayard (—) |
| 3 | North Sea Oil | Shards (—) |
| 4 | Chocolate Factory | Minis (—) |
| 5 | Pedro | Imagine (—) |
| 6 | Mystery of the Jarn Site | Shards (—) |
| 7 | Eight Ball | Microdeal GB |
| 8 | Light | Softex GB |
| 9 | Up Perspective | Bayard (—) |
| 10 | Hungry Horrie | M Woods GB |

Top Ten programs for the VIC-20

- | | | |
|----|----------------------------|----------------|
| 1 | Flight 275 | Femini |
| | | Derivation (—) |
| 2 | Crazy Kong | Interceptor GB |
| 3 | Brave Attack | Child (—) |
| 4 | Soccer | Visions (—) |
| 5 | Choco-Block | Paradise (—) |
| 6 | Soccer and the Mithra mite | CBM (—) |
| 7 | Wizard and the Princess | M House GB |
| 8 | M. L. S. A. T. S. T. | Lamsoft (—) |
| 9 | Jetpac | Ultimate GB |
| 10 | The Count | Commodore (—) |

Top Ten programs for the ZX81

- | | | |
|----|------------------|-----------------|
| 1 | Crazy Kong | PBS GB |
| 2 | Android | Quicksilver (—) |
| 3 | Shrimps | Quicksilver (—) |
| 4 | Defenders | Quicksilver (—) |
| 5 | Invaders | Quicksilver GB |
| 6 | Right Simulation | Smiler GB |
| 7 | VU-Fix | Smiler (—) |
| 8 | VU-Calc | Smiler (—) |
| 9 | Frogger | PBS GB |
| 10 | Football Manager | Addison GB |

Compiled by Makers. Figures in brackets are last week's positions.

Top Ten programs for the Spectrum

- | | | |
|----|------------------|----------------|
| 1 | Conquered Flag | Pison GB |
| 2 | Alio Alao | Ultimate GB |
| 3 | Snake Game | Quicksilver GB |
| 4 | Art Attack | Ultimate GB |
| 5 | Lower Jesters | Ultimate (—) |
| 6 | Jetpac | Pison GB |
| 7 | Right Simulation | M House GB |
| 8 | The Hobbit | Imagine (—) |
| 9 | Quicksilver | CDs (—) |
| 10 | Pool | |

Compiled by W. H. Smith. Figures in brackets are last week's positions.

Top 30

- | | | | |
|----|-----------------------|-------------------|--------------------|
| 1 | Jim Get Willy | Software Projects | Spectrum GB |
| 2 | Mario Miner | Software Projects | Spectrum GB |
| 3 | 30 Am Attack | Quicksilver | Spectrum GB |
| 4 | Handbook | Down | Spectrum/CBM GB GB |
| 5 | Alio Alao | Ultimate | Spectrum GB |
| 6 | Chinese Juggler | Down | CBM GB GB |
| 7 | The Hobbit | M House | Spectrum GB |
| 8 | Salvo Eddie | Down | Spectrum GB |
| 9 | Beer Saver | Artic | Spectrum GB |
| 10 | Snake Boy (The Real) | Quicksilver | Spectrum GB |
| 11 | Soccer | Visions | VIC GB GB |
| 12 | Chicken Egg | Abfi | Spectrum GB |
| 13 | Lower Jesters | Ultimate | Spectrum GB |
| 14 | Football | M House | CBM GB GB |
| 15 | Proper | Microdeal | Dragon GB |
| 16 | The King | Microdeal | Dragon GB |
| 17 | Colonus | CDs | CBM GB GB |
| 18 | Pedro | Imagine | Spectrum GB |
| 19 | Thrasher | Generation | Spectrum GB |
| 20 | Conquered Flag | Pison | Spectrum GB |
| 21 | Quicksilver | Visions | CBM GB GB |
| 22 | Handbook | Superior | BBC GB |
| 23 | Down | Imagine | Spectrum GB |
| 24 | Outland in the Jungle | Microdeal | Dragon GB |
| 25 | Black Alley | PBS | Spectrum GB |
| 26 | Lower Attack | Down | Spectrum GB |
| 27 | Parasite | M House | Spectrum GB |
| 28 | Tractor Truck | Artic | CBM GB GB |
| 29 | Crazy Kong | Interceptor | CBM GB GB |
| 30 | Arctic | Imagine | VIC GB GB |

Compiled by PCS Distribution GB. Figures in brackets are a sample of 40 dealers in the UK and Northern Ireland. Chart is for sales in the fortnight ended March 22.

Top Ten programs for the Commodore 64

- | | | |
|----|--------------------|----------------------|
| 1 | Mario Miner | Software Projects GB |
| 2 | Colonus Chess | CDs (—) |
| 3 | Volleyball GB | Miguel (—) |
| 4 | Crazy Kong | Interceptor (—) |
| 5 | Intro to Basic PCB | CDM (—) |
| 6 | Outback | Paradise (—) |
| 7 | Bumping Buggies | Bubble Box (—) |
| 8 | Brain Adventures | Handyfold (—) |
| 9 | Flying Feathers | Handyfold (—) |
| 10 | Chinese Juggler | Down GB |

Compiled by Makers. Figures in brackets are last week's positions.

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EMPIRE £6.95 (Dragon, BBC, Electron)

Forming game of strategy with eight levels of difficulty. Destroy the evil Empire before it conquers the world. Played on a world map. "This is a terrific game... visually attractive and highly addictive." Mean Computing World.

MYSTERY OF THE JAVA STAR £7.95 (Dragon, BBC, Electron)

Exciting four-part adventure with eight levels. Mission an expedition to the South Sea islands in the aftermath of the 10th century shipwreck. Absorbing family fun with puzzles, challenges and interesting facts.

NORTH SEA OIL £5.75 (Dragon)

Equip and run your own North Sea oil rig—discover your resources, then manage your supply chain, experts on drilling operations—and operate the platform until you have collected 100 million dollars.

JERICHO ROAD £5.75 (Spectrum 48k)

A challenging adventure set in biblical times with two levels of play. Set in Southern Israel in the 1st century, the player must survive the rigours of Roman occupation and cope with the perils of religious persecution. Ideal family entertainment.

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Journal of Internal Medicine 247: 115-121

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Just as you think you're off to a good start, you will find something wrong with the way you're doing it. The writing man is always looking for trouble.

11/19/2011 11:57

When the atoms as they appear to us by our senses, however, I treated them, rather etc.

We are aware the public has specific needs for information about the safety of drinking water. We will continue to monitor the situation and will provide the public with the information they need as it becomes available.

1. To permit specification of the function $f(\cdot)$, please select the group and position of all variables entering $f(\cdot)$. (The first column in each row indicates the function; the second, third, and fourth columns in each row indicate the group and position of the variables.)

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Left: Bruno

I write to tell you about
Huang Sheng's lot for the 4th
Quarter.

In the second phase of Himmelsberg there is a rapid swing, from which you (in the Himmelsberg) are meant to swing round, to avoid the Thuringian Knight. However, as the knight climbs to the wall of the Himmelsberg, upon the narrow bits of the tower and then past the long bridge, consequently the knight is able to walk straight through the Himmelsberg.

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Make a Spectrum

Alan Tomkins wrote on March 1990 of the Spectrum was ready and the the above "Frank under" symbol shifting was done.

However, if there is one thing the system needs on the keyboard it is a space bar. This is simple to improve and helps you prevent the surprise of how often you have received an e-mail address. Here's my solution:

■ I like my keyboard tilted and hooked up so that the keys are at the same height as the monitor screen. This means it's made of metal under the front edge of the keyboard, under the screen.

- You need a general mill over on and miller count from the digressing quadrant repeated by a city dealer. Make an eye on one and in take a 100° "thrust" wood screw, and bend the wing as follows, using "twice" directions over from your point of view as the "twice".

Rhyler-Boeckmann, sp. nov.
Female (holotype). Head, eye
brown; frons (grey) brown; eye
brown; frons (grey) brown;
light yellow; eye 2 mm.
maxilla brown.

■ This is a group of hard wood, the same wood as the 20-40. Very old log in the the log, inside door.

■ Tuck the end of the wire on the pad, and screw the eye in the wood block. It will be roughly under the COPS SHIRT but make adjustments as you go. The result: Secure the wire to the block and pad with a bit of loose wire.

■ Can measure size of myofibrils, 200 x 1.5 mm, and length of sarcomere of the myofibrils. It is possible to

Send your letter to Letters, Home Computing Weekly, No.1 Golden Square, London W1R 3AB. Don't forget to name your computer — the best letter could win £5-worth of software. Got a problem with your micro? We'll soon be starting a queries page, so send your technical questions to Queries at the above address.



Figure 1. The figure shows a graph of the function $f(x) = \sin(x)$ for x in the interval $[0, 2\pi]$. The x-axis is labeled x and ranges from 0 to 2π . The y-axis is labeled y and ranges from -1 to 1. The curve starts at (0, 0), reaches a maximum at $(\pi/2, 1)$, crosses the x-axis at $(\pi, 0)$, reaches a minimum at $(3\pi/2, -1)$, and ends at $(2\pi, 0)$.

■ I tried changing two SHIFT pads in the same way, but came to the conclusion that it was not worth it.

■ All the women are held in places with holes of bricks in their bodies and clothes.

■ Typing is helped if the car itself is converted to its old electronic video, giving access to the grandfather law a good "click." Worth the extra history.

C. B. Chavis, Chickadee, N.C.

How I get ideas

I was surprised to see in your review of Triumphmen's Tourer for the Commodore 64 (DEC 85) that you gave it 900%. I don't think Triumphmen's graphics are nearly up to that standard!

I am a .NET Spectrum which I have had since January '99 about the middle of which I was informed. At that time there was still only a relatively small amount of software in which I share. Microsoft and Comshare (by the way) Comshare has stood its ground well in most of the companies, though not the same case as the Ultimate and Software Program.

It is almost impossible to determine exactly how many games are there both in over 100 games for the Spectrum, if not 100. Unlabeled with manuals to produce new. Official games and clones are being launched more to interest, which seems to come to Unlabeled having said not all games in Spectrum alone.

I make a dictionary and choose a random word and try to derive a guess also from this. It's more

survived, but I never
 have seen your work
 in the literature for some

Alan Alan spawned more apple-like puns, such as "Alphonso. I was disappointed not to find Alan Alan," he said, "I think I was, well, wrong. Five years I've managed to compete with all you cats. You might just give the game SHOW the green light. Snake Game. Snake, you know, I've never met any other Snake game. You can call Snake game the Snake Game."

Finally, I thank your magazine as well as the staff and I hope you are glad to see you still doing great on the business.

How probably granted did
"MOM" use a computer-
related word?

TO DO SECRET

I read in H&W 30 that Future Motors had a record of 71 crashes in 14,100. I would like to compare your about five record — 30,170 on the first and 21,170 on the second level. I have also scored 34,000 on Future and 24,000 on National Motor.

I agree with what others say in H&W 30 that the 71 crashes is unbelievable and has clear reasons.

Om Kripkijannu
Berkshire, Indiana

They work

Compassionate as your
 Bill computer magazine I
 have only purchased one,
 but my friends say you
 got the latest news. The
 good thing about your
 magazine is that the
 programs work. Most
 programs in the Spectrum
 don't work, but I am
 pleased that yours do. We
 could do with some more
 things of the same quality.
 I look forward to your next
 edition.

J. Todd

Billings, Montana

Winnipeg

One version of the program from Calumet's software section received prizes. Clough has the IBM and Clough System, for the Clough both are 28-10.

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(Circle magazine advertising)

U.S. SCENE

Now micros make movies

If you are into graphics, or would like to be, and own an Atari 800, 800XL, or 130XL, you might want to run right out and buy this new program.

Called *Movie Maker*, it puts you in charge of your computer's tremendous graphics capabilities without ever having to know how to program. Through and a game, in essence, it puts you behind the camera and enables you to become your own writer, director, producer, and cinematographer.

Using the Computer screen, you design a screenplay of shapes which becomes the basis for your animated sequences. Then, by telling the computer how to manipulate the shapes, you can create sequences. Once created, you can also put the shapes to move across the screen using the joystick. A bunch of shapes are provided for you on the program disc so that you can see some examples of what is possible before trying it yourself. Using the built-in program graphics editor you can create anything from simple little two-dimensional characters to animated characters that can read anything out of the *Chicago* edition.

You can change the speed, colour, brightness, and perspective of your creations very easily, and record your results, as well as any changes, on the disc. You can also make sounds to accompany the action. After you create the scenes you also can create the light/sound.

Although each "movie" is limited to 300 frames, movies can be linked for more playing time. The program handles all user errors with ease and the documentation is quite good. By using the program it is possible to literally produce an animated movie in an afternoon, with consistently high quality results. Best of all, it costs only \$60. *Movie Maker* is available from Interactive Picture Systems, 1160 Sunset Walk Road, Brentwood, Virginia VA 22006. Phone (703) 431-6200.

Happy animating!



Looking for a versatile low cost printer for your Atari, Commodore, or IBM/AS? You might want to consider the compact Alphacom has just introduced its model 41 printer. Built with an optional interface cable, you just plug it in and start printing. It costs all of \$199.95. You can contact them by writing or calling Alphacom, 3370 South Brentwood Avenue, Campbell, California 95008. (408) 221-6703.

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NEWS
FLASH

TITANIC

TITANIC SINKS. (THE "UNSINKABLE" STRIKES ICEBERG)

Our American correspondent via wireless telegraphy reports: Late last night the S.S. TITANIC, pride of White Star Line, was in collision with an

iceberg approximately 300 miles off the coast of Newfoundland, it is feared that many lives have been lost. Further reports to follow.

ORIC & ATMOS 48K Cassettes



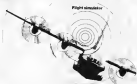
Super 30 minute action thrillers will test your skill and 3D co-ordination to their limits. It's gripping colour thrasher means of surviving difficult well keyboard controlled 3D laser shoot-out and fire sequences. (Brain invasion) £5.95

Orion (Great One)

More of Space Ace. This game starts the longer you play, steadily you will learn more. (Brain invasion) £5.95, (out of print)

Mystery Tower

Superb musical arrangements in 4 different rooms. 2D and 3D style the adventure game that anyone. You will enjoy it, in fact where you're going. £5.95 (also in French)



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SPECTRUM PROGRAMS

How it works

- 30-400 game points and GORD calculations
- 30-400 program making for some point move
- 40-100 road keyboard for player input
- 100-150 check computer move and random changes change
- 150-200 print both, check win and points
- 200-250 a new move itself
- 250-300 end of game, score display
- 300-350 rest of context, one more
- 350-400 on up variables, arrays, graphics, repeat some details
- 400-500 on main program, display board and play more
- 500-600 variations
- 600-650 DATA
- Lines 700 and 750 simply check for a valid move that the keyboard it does not do, so movement change is checked, but that speeding up the program.

Variables

- W degree of difficulty
- X your column position
- Y game mode of move, what does it
- K constant warning sign
- U move counter
- W column position of mystery
- array of locations every speedup
- 500-550 100
- 550-600 100
- 600-650 100
- 650-700 100
- 700-750 100
- 750-800 100
- 800-850 100
- 850-900 100
- 900-950 100
- 950-1000 100

Bug Run by Jeff Jewell

Circle your feet around the board and collect up to 50 mushrooms as the last possible move.

But it's not that easy as well as danger from the sea, there are apples with scattered about. Touch one and a spider will rush out and get you.

How it works

- 5-100000 for movement
- 10-15 play time
- 20-300 game
- 30-40 READ DATA for graphics
- 50-60 print move
- 70-100 (100 mushrooms)
- 100-150 main loop
- 150-200 (100)
- 200-250 (100)
- 250-300 (100)
- 300-350 (100)
- 350-400 (100)
- 400-450 (100)
- 450-500 (100)
- 500-550 (100)
- 550-600 (100)
- 600-650 (100)
- 650-700 (100)
- 700-750 (100)
- 750-800 (100)
- 800-850 (100)
- 850-900 (100)
- 900-950 (100)
- 950-1000 (100)

Variables

- A,B,C,D,E,F coordinates of bug, sea, mushrooms
- H dimensions of bug
- I,K number of moves, main
- array collected

```

1000 LET A=0:LET B=0:LET C=0:LET D=0:LET E=0:LET F=0
1010 FOR J=0 TO 100:LET A=J:LET B=J:LET C=J:LET D=J:LET E=J:LET F=J
1020 IF A=0 THEN GOTO 1030
1030 IF B=0 THEN GOTO 1030
1040 IF C=0 THEN GOTO 1030
1050 IF D=0 THEN GOTO 1030
1060 IF E=0 THEN GOTO 1030
1070 IF F=0 THEN GOTO 1030
1080 IF A=1 THEN GOTO 1090
1090 IF B=1 THEN GOTO 1100
1100 IF C=1 THEN GOTO 1110
1110 IF D=1 THEN GOTO 1120
1120 IF E=1 THEN GOTO 1130
1130 IF F=1 THEN GOTO 1140
1140 IF A=2 THEN GOTO 1150
1150 IF B=2 THEN GOTO 1160
1160 IF C=2 THEN GOTO 1170
1170 IF D=2 THEN GOTO 1180
1180 IF E=2 THEN GOTO 1190
1190 IF F=2 THEN GOTO 1200
1200 IF A=3 THEN GOTO 1210
1210 IF B=3 THEN GOTO 1220
1220 IF C=3 THEN GOTO 1230
1230 IF D=3 THEN GOTO 1240
1240 IF E=3 THEN GOTO 1250
1250 IF F=3 THEN GOTO 1260
1260 IF A=4 THEN GOTO 1270
1270 IF B=4 THEN GOTO 1280
1280 IF C=4 THEN GOTO 1290
1290 IF D=4 THEN GOTO 1300
1300 IF E=4 THEN GOTO 1310
1310 IF F=4 THEN GOTO 1320
1320 IF A=5 THEN GOTO 1330
1330 IF B=5 THEN GOTO 1340
1340 IF C=5 THEN GOTO 1350
1350 IF D=5 THEN GOTO 1360
1360 IF E=5 THEN GOTO 1370
1370 IF F=5 THEN GOTO 1380
1380 IF A=6 THEN GOTO 1390
1390 IF B=6 THEN GOTO 1400
1400 IF C=6 THEN GOTO 1410
1410 IF D=6 THEN GOTO 1420
1420 IF E=6 THEN GOTO 1430
1430 IF F=6 THEN GOTO 1440
1440 IF A=7 THEN GOTO 1450
1450 IF B=7 THEN GOTO 1460
1460 IF C=7 THEN GOTO 1470
1470 IF D=7 THEN GOTO 1480
1480 IF E=7 THEN GOTO 1490
1490 IF F=7 THEN GOTO 1500
1500 IF A=8 THEN GOTO 1510
1510 IF B=8 THEN GOTO 1520
1520 IF C=8 THEN GOTO 1530
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1540 IF E=8 THEN GOTO 1550
1550 IF F=8 THEN GOTO 1560
1560 IF A=9 THEN GOTO 1570
1570 IF B=9 THEN GOTO 1580
1580 IF C=9 THEN GOTO 1590
1590 IF D=9 THEN GOTO 1600
1600 IF E=9 THEN GOTO 1610
1610 IF F=9 THEN GOTO 1620
1620 IF A=10 THEN GOTO 1630
1630 IF B=10 THEN GOTO 1640
1640 IF C=10 THEN GOTO 1650
1650 IF D=10 THEN GOTO 1660
1660 IF E=10 THEN GOTO 1670
1670 IF F=10 THEN GOTO 1680
1680 IF A=11 THEN GOTO 1690
1690 IF B=11 THEN GOTO 1700
1700 IF C=11 THEN GOTO 1710
1710 IF D=11 THEN GOTO 1720
1720 IF E=11 THEN GOTO 1730
1730 IF F=11 THEN GOTO 1740
1740 IF A=12 THEN GOTO 1750
1750 IF B=12 THEN GOTO 1760
1760 IF C=12 THEN GOTO 1770
1770 IF D=12 THEN GOTO 1780
1780 IF E=12 THEN GOTO 1790
1790 IF F=12 THEN GOTO 1800
1800 IF A=13 THEN GOTO 1810
1810 IF B=13 THEN GOTO 1820
1820 IF C=13 THEN GOTO 1830
1830 IF D=13 THEN GOTO 1840
1840 IF E=13 THEN GOTO 1850
1850 IF F=13 THEN GOTO 1860
1860 IF A=14 THEN GOTO 1870
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1880 IF C=14 THEN GOTO 1890
1890 IF D=14 THEN GOTO 1900
1900 IF E=14 THEN GOTO 1910
1910 IF F=14 THEN GOTO 1920
1920 IF A=15 THEN GOTO 1930
1930 IF B=15 THEN GOTO 1940
1940 IF C=15 THEN GOTO 1950
1950 IF D=15 THEN GOTO 1960
1960 IF E=15 THEN GOTO 1970
1970 IF F=15 THEN GOTO 1980
1980 IF A=16 THEN GOTO 1990
1990 IF B=16 THEN GOTO 2000
2000 IF C=16 THEN GOTO 2010
2010 IF D=16 THEN GOTO 2020
2020 IF E=16 THEN GOTO 2030
2030 IF F=16 THEN GOTO 2040
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2070 IF D=17 THEN GOTO 2080
2080 IF E=17 THEN GOTO 2090
2090 IF F=17 THEN GOTO 2100
2100 IF A=18 THEN GOTO 2110
2110 IF B=18 THEN GOTO 2120
2120 IF C=18 THEN GOTO 2130
2130 IF D=18 THEN GOTO 2140
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2150 IF F=18 THEN GOTO 2160
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2170 IF B=19 THEN GOTO 2180
2180 IF C=19 THEN GOTO 2190
2190 IF D=19 THEN GOTO 2200
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2210 IF F=19 THEN GOTO 2220
2220 IF A=20 THEN GOTO 2230
2230 IF B=20 THEN GOTO 2240
2240 IF C=20 THEN GOTO 2250
2250 IF D=20 THEN GOTO 2260
2260 IF E=20 THEN GOTO 2270
2270 IF F=20 THEN GOTO 2280
2280 IF A=21 THEN GOTO 2290
2290 IF B=21 THEN GOTO 2300
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2320 IF E=21 THEN GOTO 2330
2330 IF F=21 THEN GOTO 2340
2340 IF A=22 THEN GOTO 2350
2350 IF B=22 THEN GOTO 2360
2360 IF C=22 THEN GOTO 2370
2370 IF D=22 THEN GOTO 2380
2380 IF E=22 THEN GOTO 2390
2390 IF F=22 THEN GOTO 2400
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2930 IF F=31 THEN GOTO 2940
2940 IF A=32 THEN GOTO 2950
2950 IF B=32 THEN GOTO 2960
2960 IF C=32 THEN GOTO 2970
2970 IF D=32 THEN GOTO 2980
2980 IF E=32 THEN GOTO 2990
2990 IF F=32 THEN GOTO 3000
3000 IF A=33 THEN GOTO 3010
3010 IF B=33 THEN GOTO 3020
3020 IF C=33 THEN GOTO 3030
3030 IF D=33 THEN GOTO 3040
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3160 IF E=35 THEN GOTO 3170
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3190 IF B=36 THEN GOTO 3200
3200 IF C=36 THEN GOTO 3210
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6990 IF D=99 THEN GOTO 7000
7000 IF E=99 THEN GOTO 7010
7010 IF F=99 THEN GOTO 7020
7020 IF A=100 THEN GOTO 7030
70
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[illegible]

A black and white photograph of a large, dark-colored dog, likely a Mastiff, lying down. The dog's head is resting on its front paws, which are holding a bone. The background is dark and textured.

[illegible]

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10: 10:00:00 10.10.10.10:8080 [INFO] Starting the application...
11: 10:00:01 10.10.10.10:8080 [INFO] Loading configuration...
12: 10:00:02 10.10.10.10:8080 [INFO] Initializing database...
13: 10:00:03 10.10.10.10:8080 [INFO] Connecting to database...
14: 10:00:04 10.10.10.10:8080 [INFO] Database connection established.
15: 10:00:05 10.10.10.10:8080 [INFO] Starting server...
16: 10:00:06 10.10.10.10:8080 [INFO] Server started successfully.
17: 10:00:07 10.10.10.10:8080 [INFO] Application ready for use.
18: 10:00:08 10.10.10.10:8080 [INFO] Listening on port 8080.
19: 10:00:09 10.10.10.10:8080 [INFO] Application running.
20: 10:00:10 10.10.10.10:8080 [INFO] Application running.

```


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